

What Is Claimed Is:

1. A user authentication apparatus, comprising:
authentication means for authenticating a user by
verification of biometrics of the user which is a biological
5 characteristic unique to an individual;

acquisition means operable, when the authentication by
said authentication means results in failure in the verification
of the biometrics, for acquiring biometrics data of the user
who has requested for the authentication; and

10 substitute authentication means for substituting the
verification of biometrics when the biometrics data is acquired
by said acquisition means.

2. A user authentication apparatus as claimed in claim
1, further comprising storage means for storing the biometrics
15 data acquired by said acquisition means, and processing means
for performing search and pursuit of an illegal user based on
the biometrics data stored in said storage means.

3. A user authentication apparatus as claimed in claim
1, further comprising means for discriminating whether or not
20 biometrics data inputted, so as to be used for the verification
of biometrics, have a quality suitable for automatic verification,
and means operable, when it is discriminated that the biometrics
data do not have a quality suitable for automatic comparison,
for storing the acquired biometrics data.]

25 4. A user authentication apparatus as claimed in claim
3, further comprising means operable, when it is discriminated

that the biometrics data do not have a quality suitable for automatic comparison, for discriminating whether or not the biometrics data have a quality suitable for use for the search and the pursuit of an illegal user, and wherein, when it is discriminated that the biometrics data are suitable for use for the search and the pursuit of an illegal user, use of said substitute authentication means is permitted.

5. A user authentication apparatus as claimed in claim 4, wherein the discrimination of whether or not the biometrics data are suitable for use for the search and the pursuit of an illegal user depends upon discrimination of whether or not the inputted biometrics data are proper and inputted by the user at the place.

6. A user authentication apparatus as claimed in claim 5, wherein a correlation of a plurality of biometrics data acquired by said acquisition means is measured to perform discrimination of whether or not the biometrics data are inputted by the user at the place.

7. A user authentication apparatus as claimed in claim 1, wherein at least a fingerprint is used as the biometrics.

8. A user authentication apparatus as claimed in claim 1, wherein, upon storage of biometrics data prior to the substitute authentication, at least an image of the face and/or a figure, when a fingerprint is inputted, are photographed.

9. A user authentication method, comprising the steps of:

authenticating a user by verification of biometrics which is a biological characteristic unique to an individual;

acquiring, when the authentication results in failure in the verification of the biometrics, biometrics data of a user who has requested for the authentication; and

performing substitution authentication for substituting the verification of biometrics when the biometrics data are acquired by said acquisition means.

10. A user authentication method as claimed in claim 9, further comprising a step of storing the biometrics data acquired by the step of acquiring the biometrics data, and search and pursuit of an illegal user are performed based on the stored biometrics data.

11. A user authentication method as claimed in claim 9, further comprising a step of discriminating whether or not biometrics data inputted so as to be used for the verification of biometrics have a quality suitable for automatic verification, and a step of storing the acquired biometrics data when it is discriminated that the biometrics data do not have a quality suitable for automatic comparison.

12. A user authentication method as claimed in claim 11, further comprising a step of discriminating, when it is discriminated that the biometrics data do not have a quality suitable for automatic comparison, whether or not the biometrics data have a quality suitable for use for the search and the pursuit of an illegal user, and wherein, when it is discriminated

that the biometrics data are suitable for use for the search and the pursuit of an illegal user, use of the substitute authentication is permitted.

13. A user authentication method as claimed in claim 12,
5 wherein the discrimination of whether or not the biometrics data are suitable for use for the search and the pursuit of an illegal user depends upon discrimination of whether or not the inputted biometrics data are proper and inputted by the user at the place is used.

10 14. A user authentication method as claimed in claim 13, wherein a correlation of a plurality of biometrics data acquired by the step of acquiring the biometrics data is measured to perform discrimination of whether or not the biometrics data are inputted by the user at the place.

15 15. A user authentication method as claimed in claim 9, wherein at least a fingerprint is used as the biometrics.

16. A user authentication method as claimed in claim 9, wherein, upon storage of biometrics data prior to the substitute authentication, at least an image of the face and/or a figure
20 when a fingerprint is inputted are photographed.